

- both rank  $\leq 100$
- rank  $\leq 100$  in chr12 p value  $< 0.001$  except rank  $\leq 100$  in chr12 p value  $< 0.005$
- rank  $\leq 100$  in chr12 p value  $< 0.005$  except rank  $\leq 100$  in chr12 p value  $< 0.001$